GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

STARRED QUESTION NO:519
ANSWERED ON:30.04.2002
BRAIN DRAIN
AVSM, BRIG.(RETD.) KAMAKHYA PRASAD SINGH DEO

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the Union Government are aware of the increasing brain drain from the country;

(b) whether most of the young scientists are leaving the country due to lack of future prospects;

(c) if so, whether the Government have introduced any scheme to encourage the young scientists;

(d) if not, the reasons therefor; and

(e) the details of other steps being taken by the Union Government to check the brain drain from the country?

Answer

MINISTER OF HUMAN RESOURCE DEVELOPMENT, MINISTER OF SCIENCE AND TECHNOLOGY AND MINISTER OF DEVELOPMENT (DR. MURLI MANOHAR JOSHI)

(a) to (e) A statement is laid on the Table of the House.

STATEMENT REFERRED IN REPLY TO PARTS (a) to (e) OF THE LOK SABHA STARRED QUESTION NO. 519 FOR 30.4.20(REGARDING BRAIN DRAIN

(a) The Government is aware that some young scientists do migrate to other countries for higher studies/ advanced research and some of them tend to stay back.

(b) No, Sir.

(c),(d) & (e) Several measures have been taken from time to time by the Government to minimize the outflow and also to attract scientists and technologists settled abroad to return to India. Some of these are :

- Setting up of more centres of excellence/advanced studies in the universities and academic institutions.
- Creation of core groups of professionals with necessary modern facilities required for pursuing research in new and frontier areas of science.
- S&T based training for entrepreneurial development
- Increase in the outlay for science and technology sector in successive Five Year Plan.
- Creation of new scientific Departments/Organisations
- Delegation of advanced administrative and financial powers to S&T institutions to improve working conditions of scientists
- Manpower development training/re-training programmes through associateships/ fellowships/ courses.
- Provisions for temporary placement of scientists and technocrats under the scheme of scientists pool.
- Creation of supernumerary posts.
- Invitation to distinguished man and women of Indian origin settled abroad for short term technical assignments to assist in frontier and emerging areas of S&T.
- Fast Track Scheme for Young Scientists
- Better Opportunities for Young Scientists in Chosen Areas of Science and Technology (BOYSCAST) fellowship to visit international laboratories and institutions.
- Swarnajayanti Fellowships
- Contact programmes to attract and motivate brilliant young scientists to take up R&D as a career.
- Scientists are given financial assistance to participate in international conferences and training programmes abroad.
- Award of scholarship under Kishore Vaigyanik Protsahan Yojana for talented science students.
- Integrated Science Olympiad Programme to enable Indian students participation in the International Olympiad events.
- Shyama Prasad Mukherjee Fellowships

In the present world order, there is need to bring about symmetry and equilibrium in the international exchange of scientific talent. The Government is open to new suggestions in this regard.